

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior version, and listings, of claims in the application:

### Listing of Claims:

Claim 1 (Currently Amended): A multilayer magnetic recording medium which comprises, on a nonmagnetic substrate, at least one upper binder-containing magnetic recording layer which has a thickness of less than 0.5  $\mu\text{m}$  and contains finely divided magnetic pigment having a coercive force  $H_c$  of 80 - 250 kA/m, and at least one lower binder-containing layer which contains an isotropic magnetically soft pigment which is selected from comprises  $\gamma\text{-Fe}_2\text{O}_3$ ,  $\text{Fe}_3\text{O}_4$  and or a solid solution of these components, the coercive force  $H_c$  of the lower layer being less than 4 kA/m and the anhysteretic susceptibility of the lower layer at 2 kA/m being greater than 7.

Claim 2 (Original): A magnetic recording medium as claimed in claim 1, wherein the coercive force  $H_c$  of the pigment in the upper layer is from 130 to 220 kA/m.

Claim 3 (Original): A magnetic recording medium as claimed in claim 1, wherein the magnetic pigment in the upper layer is a metal pigment or metal alloy pigment.

Claim 4 (Original) A magnetic recording medium as claimed in claim 1, wherein the magnetic pigment in the upper layer is a hexagonal ferrite pigment or a Co-modified  $\gamma\text{-Fe}_2\text{O}_3$ , a Co-modified  $\text{Fe}_3\text{O}_4$  or a solid solution of these components.

Claim 5 (Original): A magnetic recording medium as claimed in claim 1, wherein the isotropic magnetically soft pigment in the lower layer has a mean crystallite size of from 7 to 17 nm.

Claim 6 (Original): A magnetic recording medium as claimed in claim 1, wherein the amount of the magnetically soft pigment in the lower layer is more than 45% by weight, based on the weight of all pigments in the lower layer.

Claim 7 (Original): A magnetic recording medium as claimed in any claim 5, wherein the amount of the magnetically soft pigment in the lower layer is more than 45% by weight, based on the weight of all pigments in the lower layer.

Claim 8 (Original): A magnetic recording medium as claimed in claim 6, wherein the amount of the magnetically soft pigment in the lower layer is more than 75% by weight, based on the weight of all pigments in the lower layer.

Claim 9 (Original): A magnetic recording medium as claimed in claim 7, wherein the amount of the magnetically soft pigment in the lower layer is more than 75% by weight, based on the weight of all pigments in the lower layer.

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Cont.* Claim 10 (Original): A magnetic recording medium as claimed in claim 1, wherein the magnetically soft pigment in the lower layer has been surface-treated with an aluminum compound or with a silicon compound or with a mixture of the two compounds.

Claim 11 (Original): A magnetic recording medium as claimed in claim 9, wherein the magnetically soft pigment in the lower layer has been surface-treated with an aluminum compound or with a silicon compound or with a mixture of the two compounds.

Claim 12 (Original): A magnetic recording medium as claimed in claim 1, wherein the magnetic pigment in the lower layer is spherical, cubic or amorphous.

Claim 13 (Original): A magnetic recording medium as claimed in claim 11, wherein the magnetic pigment in the lower layer is spherical, cubic or amorphous.

Claim 14 (Original): A magnetic recording medium as claimed in claim 1, wherein the lower layer contains at least one nonmagnetic pigment in addition to the magnetically soft pigment.

Claim 15 (Original): A magnetic recording medium as claimed in claim 13, wherein the lower layer contains at least one nonmagnetic pigment in addition to the magnetically soft pigment.

Claim 16 (Original): A magnetic recording medium as claimed in claim 14, wherein the nonmagnetic pigment is acicular, having a mean longitudinal axis of from 5 to 200 nm, or spherical or amorphous, having a mean particle size of from 5 to 350 nm.

Claim 17 (Original): A magnetic recording medium as claimed in claim 15, wherein the nonmagnetic pigment is acicular, having a mean longitudinal axis of from 5 to 200 nm, or spherical or amorphous, having a mean particle size of from 5 to 350 nm.  
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Claim 18 (Original): A magnetic recording medium as claimed in claim 15, wherein the nonmagnetic pigment is  $\alpha\text{-Fe}_2\text{O}_3$ .

Claim 19 (Original): A magnetic recording medium as claimed in claim 16, wherein the nonmagnetic pigment is  $\alpha\text{-Fe}_2\text{O}_3$ .

Claim 20 (Original): A magnetic recording medium as claimed in claim 15, wherein the nonmagnetic pigment is carbon black.

Claim 21 (Original): A magnetic recording medium as claimed in claim 16, wherein the nonmagnetic pigment is carbon black.

Claim 22 (Original): A magnetic recording medium as claimed in claim 15, wherein the nonmagnetic pigment is a mixture of carbon black and  $\alpha\text{-Fe}_2\text{O}_3$ .

Claim 23 (Original): A magnetic recording medium as claimed in claim 16, wherein the nonmagnetic pigment is a mixture of carbon black and  $\alpha\text{-Fe}_2\text{O}_3$ .

Claim 24 (Withdrawn - Currently Amended): A process for the production of a multilayer magnetic recording medium which comprises, on a nonmagnetic substrate, at least one upper binder-containing magnetic recording layer which has a thickness of less than 0.5  $\mu\text{m}$  and contains a finely divided magnetic pigment having a coercive force  $H_c$  of 80 - 250 kA/m, and at least one lower binder-containing layer which contains an isotropic magnetically soft pigment which is selected from  $\gamma\text{-Fe}_2\text{O}_3$ ,  $\text{Fe}_3\text{O}_4$  and a solid solution of these components, the coercive force  $H_c$  of the lower layer being less than 4 kA/m and the anhysteretic susceptibility of the lower layer at 2 kA/m being greater than 7, comprising:

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- mixing, kneading and dispersing of an isotropic magnetically soft pigment, selected from  $\gamma\text{-Fe}_2\text{O}_3$ ,  $\text{Fe}_3\text{O}_4$  or a solid solution of these components, a binder, a solvent and further additives and applying the dispersion to a nonmagnetic substrate to form a moist lower layer;
  - mixing, kneading and dispersing a finely divided magnetic pigment having a coercive force  $H_c$  of 80 – 250 kA/m with a binder, a solvent and further additives and applying the dispersion to the lower layer for form a moist upper magnetic recording layer [[:]] ;
  - orienting the moist layers in a magnetic field;
  - drying the moist layers until the upper layer reaches a thickness of less than 0.5  $\mu\text{m}$ ; and
  - subsequent calendering and separating,

so that the coercive force of the lower layer is less than 4 kA/m and the anhysteretic susceptibility of the lower layer at 2 kA/m is greater than 7.

Claim 25 (Withdrawn - Currently Amended): A process for forming a multilayer magnetic recording medium which comprises, on a nonmagnetic substrate, at least one upper binder-containing magnetic recording layer which has a thickness of less than 0.5  $\mu\text{m}$  and contains a finely divided magnetic pigment having a coercive force  $H_c$  of 80 - 250 kA/m, and at least one lower binder-containing layer which contains an isotropic magnetically soft pigment which is selected from comprises  $\gamma\text{-Fe}_2\text{O}_3$ ,  $\text{Fe}_3\text{O}_4$  and or a solid solution of these components, the coercive force  $H_c$  of the lower layer being less than 4 kA/m and the anhysteretic susceptibility of the lower layer at 2 kA/m being greater than 7, which comprises adding as the isotropic magnetically soft pigment in the lower layer at least one of  $\gamma\text{-Fe}_2\text{O}_3$ ,  $\text{Fe}_3\text{O}_4$  and a solid solution of these components, and which has a mean crystallite size of from 7 to 17 nm.

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Claim 26 (Currently Amended): A magnetic tape, magnetic card or floppy disk comprising a multilayer magnetic recording medium which comprises, on a nonmagnetic substrate, at least one upper binder-containing magnetic recording layer which has a thickness of less than 0.5  $\mu\text{m}$  and contains a finely divided magnetic pigment having a coercive force  $H_c$  of 80 - 250 kA/m, and at least one lower binder-containing layer which contains an isotropic magnetically soft pigment which is selected from comprises  $\gamma\text{-Fe}_2\text{O}_3$ ,  $\text{Fe}_3\text{O}_4$  and or a solid solution of these components, the coercive force  $H_c$  of the lower layer being less than 4 kA/m and the anhysteretic susceptibility of the lower layer at 2 kA/m being greater than 7.